

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

INVENTOR: DAVID J. HAAS

TITLE: KEYLESS LOCKING DEVICE

ABSTRACT

A cylindrical keyless locking device having a plunger within a sleeve, a key on the plunger and indicia disposed about the sleeve. The sleeve has a lip therein. A keyway is axially disposed in the sleeve and slidably mates with the key. A known indicium is aligned with the keyway. A spring is provided in the bottom of the sleeve biasing the plunger upward.

To lock the device the plunger is inserted into the sleeve, the key sliding along the keyway through the lip into the bottom portion, compressing the spring. The sleeve and plunger are rotated with respect to each other. The spring biases the plunger upward and locks the key onto the bottom of the lip. To unlock the device, the sleeve and plunger are pressed together and rotated until the key and keyway are aligned by noting the position of the known indicium. The plunger is then removed from the sleeve.